

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A wireless communications network comprising:
 - a plurality of Mobile Subscriber (MS) units;
 - at least one base transceiver station (BTS), each BTS communicating wirelessly with ones of said MS units in a network cell;
 - at least one mobile switching center (MSC) administering to said at least one BTS and to any neighboring ones of said at least one MSC; and
 - at least one Gateway Mobile Location Center (GMLC) supporting location services (LCS) and providing an access node for LCS service requests, wherein a request ~~requests~~ for services from one MS unit of said plurality of MS units is ~~[[are]]~~ not placed on hold while an ongoing ~~until~~ a LCS request to said one MS unit completes.
2. (currently amended) A wireless communications network as in claim 1, wherein a response to said request for services is provided to said one MS unit before a response is provided for said ongoing LCS request.
3. (original) A wireless communications network as in claim 1, wherein upon said request for services said MSC initiates a faked call control connection to said one MS unit.
4. (original) A wireless communications network as in claim 1, further comprising:
 - at least one base station controller (BSC) between a plurality of BTSs and said MSC, each said BSC administering to said plurality of BTSs, and wherein upon said request for services, said BSC initiates a faked radio resource location protocol (RRLP) request to said one MS unit.

5. (original) A wireless communications network as in claim 1, further comprising:
 - a Serving Mobile Location Center (SMLC) performing positional measurement for said plurality of MS units.
6. (original) A wireless communications network as in claim 5, wherein upon said request for services said SMLC initiates a faked radio resource location protocol (RRLP) request to said one MS unit.
7. (currently amended) A wireless communications network as in claim 1, wherein said at least one BTS is a plurality of BTSs, and said ongoing LCS service requests comprise requests for value added services, emergency services and legal and lawful interception services.
8. (currently amended) A wireless communications network as in claim 1, wherein said ongoing LCS service requests are mobile terminating location requests ~~request~~ (MT-LR) and said request ~~requests~~ for services is a ~~[[are]]~~ mobile originated (MO) request ~~requests~~.
9. (original) A wireless communications network as in claim 1, wherein said wireless communications network is a Global System for Mobile Communication (GSM) network.
10. (currently amended) A wireless communications network comprising:
 - a plurality of Mobile Subscriber (MS) units;
 - a plurality of base transceiver stations (BTSs), each BTS in a network cell communicating wirelessly with ones of said MS units in said cell;
 - a plurality of base station controllers (BSCs) administering to ones of said plurality of BTSs;
 - a plurality of mobile switching centers (MSC) administering to said plurality of BSCs and to any neighboring ones of said plurality of MSCs;
 - at least one Serving Mobile Location Center (SMLC) performing positional measurement for ones of said plurality of MS units; and
 - at least one Gateway Mobile Location Center (GMLC) providing an access node for mobile terminating location requests (MT-LRs) from external LCS clients, wherein mobile

originated (MO) requests for services from ones of said plurality of MS units are not placed on hold until ongoing MT-LRs to requesting said ones of said plurality of MS units complete.

11. (original) A wireless communications network as in claim 10, wherein said wireless communications network is a Global System for Mobile Communication (GSM) network and responses to said MO requests are provided before a response is provided for a corresponding said MT-LR.

12. (original) A wireless communications network as in claim 10, wherein upon said request for services said MSC initiates a faked call control connection to said requesting ones of said plurality of MS units.

13. (original) A wireless communications network as in claim 10, wherein upon said request for services one BSC initiates a faked radio resource location protocol (RRLP) request to said requesting ones of said plurality of MS units.

14. (original) A wireless communications network as in claim 10, wherein upon said request for services said SMLC initiates a faked radio resource location protocol (RRLP) request to said requesting ones of said plurality of MS units.

15. (original) A wireless communications network as in claim 10, wherein said external LCS clients request location services comprising: value added services, emergency services and legal and lawful interception services.

16. (original) A method of managing a wireless communications network, said method comprising the steps of:

- a) initiating a mobile terminating location request (MT-LR) for a particular mobile subscriber (MS) unit;
- b) idling the mobility management (MM) layer of said particular MS unit;
- c) initiating a mobile originated (MO) request for services from said particular MS unit;

- d) processing said MO request; and
- e) providing a response to said MT-LR.

17. (original) A method of managing a wireless communications network as in claim 16, wherein said response is provided in step (e) to said MT-LR after a response is provided to said MO request.

18. (canceled)

19. (previously presented) A method of managing a wireless communications network as in claim 26, wherein said faked CC connection originates in a visited mobile switching center (V-MS) currently serving a mobile subscriber originating said MO request.

20. (previously presented) A method of managing a wireless communications network as in claim 16, wherein the step (d) of processing the MO request comprises originating a faked radio resource location protocol (RRLP) request in parallel with the MT-LR request.

21. (original) A method of managing a wireless communications network as in claim 20, wherein said faked RRLP request originates in a base station controller (BSC) currently serving a mobile subscriber originating said MO request.

22. (original) A method of managing a wireless communications network as in claim 20, wherein said faked RRLP request originates in a Serving Mobile Location Center (SMLC).

23. (original) A method of managing a wireless communications network as in claim 16, wherein MT-LR is a request for location service (LCS).

24. (original) A method of managing a wireless communications network as in claim 23, wherein said request for LCS provides tracking data for a mobile subscriber.

25. (original) A method of managing a wireless communications network as in claim 16, wherein said wireless communications network is a Global System for Mobile Communication (GSM) network.

26. (previously presented) A method of managing a wireless communications network, said method comprising the steps of:

- a) initiating a mobile terminating location request (MT-LR) for a particular mobile subscriber (MS) unit;
- b) idling the mobility management (MM) layer of said particular MS unit;
- c) initiating a mobile originated (MO) request for services from said particular MS unit;
- d) processing said MO request comprising originating a faked Call Control (CC) connection in parallel with said MT-LR; and
- e) providing a response to said MT-LR.